| L | Hits | Search Text | DB | Time stamp |
|--------|-------|---|--------------------|---------------------|
| Number | | | | |
| 1 | 2409 | (719/\$.ccls. or 709/\$.ccls. or 707/\$.ccls. or | USPAT; | 2004/08/30 |
| | | 717/4.ccls.) and (stream\$ and (deseriali\$ or | US-PGPUB | 15:02 |
| | | resurrect\$ or unflatten\$ or unmarshal\$ or | | |
| _ | 0.45 | reader). ti,ab.) | HODAT. | 0004/00/00 |
| 2 | 245 | (719/\$.ccis. or 709/\$.ccis. or 707/\$.ccis. or | USPAT; | 2004/08/30 |
| | | 717/4.ccls.) and (stream\$ with (deseriali\$ or | US-PGPUB | 15:02 |
| | | resurrect\$ or unflatten\$ or unmarshal\$ or | | |
| | 00 | reader). ti,ab.) | HODAT | 0004/00/00 |
| 3 | 98 | (deserializ\$ or unflatt\$ or resurrect\$) same(| USPAT; | 2004/08/30 |
| . | _ | discard\$ or omitt\$ or ignor\$ or skip\$) | US-PGPUB | 15:03 |
| 4 | 5 | ((719/\$.ccls. or 709/\$.ccls. or 707/\$.ccls. or | USPAT; | 2004/08/30 |
| | | 717/4.ccls.) and (stream\$ with (deseriali\$ or | US-PGPUB | 16:11 |
| | | resurrect\$ or unflatten\$ or unmarshal\$ or | | |
| | | reader). ti,ab.)) and ((deserializ\$ or unflatt\$ | | |
| | | or resurrect\$) same(discard\$ or omitt\$ or | | |
| 5 | 3 | ignor\$ or skip\$)) (("5754849") or ("5327559") or | JIEDAT- | 2004/08/30 |
| 5 | 3 | (("5754849") or ("5327559") or ("5864862")).PN. | USPAT; US-PGPUB | 2004/08/30 16:15 |
| 6 | 4 | ("6766324") or ("6223344") or ("6442566") | USPAT; | 2004/08/30 |
| • | - | or ("6438559")).PN. | US-PGPUB | 16:42 |
| 7 | 3 | ("6597366" "6633892" "6684387").PN. | USPAT | 2004/08/30 |
| • | • | (0007000 0000002 0004007).i Ki | 00. A1 | 16:17 |
| 8 | 3 | ("6597366" "6633892" "6684387"). PN . | USPAT | 2004/08/30 |
| J | 3 | (0337300 0033032 0004307 j.FN. | USFAI | 16:19 |
| 9 | 4 | ("5265206" "5291593" "5813014" | USPAT | 2004/08/30 |
| | • | "5974407").PN. | 00. A. | 16:20 |
| 10 | 7 | ("4249241" "4809168" "5944781" | USPAT | 2004/08/30 |
| | • | "6066181" "6233582" "6266666" | 00. A. | 16:27 |
| | | "6275847").PN. | | 10.2. |
| 11 | 3 | ("6597366" "6633892" "6684387").PN. | USPAT | 2004/08/30 |
| | | (, , , , | | 16:33 |
| 12 | 725 | 719/315.ccls. | USPAT; | 2004/08/30 |
| | | | US-PGPUB | 16:43 |
| 13 | 89928 | object with (slot or frame) | USPAT; | 2004/08/30 |
| | | | US-PGPUB | 16:43 |
| 15 | 1 | 719/315.ccls. and (object with (slot or | USPAT; | 2004/08/30 |
| | | frame)) with extensi\$4 | US-PGPUB | 16:44 |
| 16 | 10 | ("4525780" "4667290" "4791550" | USPAT | 2004/08/30 |
| | | "4953080" "4989132" "5161225" | | 16:44 |
| | | "5247669" "5261080" "5297279" | | |
| | | "5303379").PN. | | |
| 14 | 70 | 719/315.ccls. and (object with (slot or | USPAT; | 2004/08/30 |
| | | frame)) | US-PGPUB | 17:02 |
| 17 | 70 | 719/315.ccls. and (object with (slot or | USPAT; | 2004/08/30 |
| | | frame)) AND (DEFIN\$ OR SET\$4) | US-PGPUB | 17:03 |
| 18 | 31 | 719/315.ccls. and (object with (slot or | USPAT; | 2004/08/30 |
| | | frame)) AND ((INHERIT\$ OR SUBCLASS) | US-PGPUB | 17:05 |
| | | WITH (DEFIN\$ OR SET\$4)) | | |
| - | 0 | object-oriented same "data adj type" same | USPAT; | 2004/08/29 |
| | | "type adj identifier" | US-PGPUB | 14:33 |
| - | 0 | "data adj type" same "type adj identifier" | USPAT; | 2004/03/05 |
| | | | US-PGPUB | 08:40 |

| | | The same of the same | HCDAT. | 2004/03/05 |
|---|----------|---|--------------------|---------------------|
| - | 0 | "type adj identifier" | USPAT; US-PGPUB | 08:40 |
| | 2656 | type adj identifier | USPAT; | 2004/03/05 |
| - | 2030 | type auj identifier | US-PGPUB | 08:40 |
| | 184 | (data adj type) same (type adj identifier) | USPAT; | 2004/03/05 |
| _ | 104 | (uata auj type) same (type auj memmer) | US-PGPUB | 08:40 |
| _ | 155 | (data adj type) with (type adj identifier) | USPAT; | 2004/03/05 |
| _ | | (auta auj type) with (type auj acitimos) | US-PGPUB | 08:41 |
| _ | 0 | (data adj type) with (type adj identifier) with | USPAT; | 2004/03/05 |
| | | (look\$ adj up) | US-PGPUB | 08:41 |
| _ | 1 | (data adj type) with (type adj identifier) with | USPAT; | 2004/03/05 |
| | _ | (look\$) | US-PGPUB | 08:42 |
| - | 1 | (data adj type) with (type adj identifier) with | USPAT; | 2004/03/05 |
| | | meta | US-PGPUB | 08:45 |
| - | 8 | ((data adj type) with (type adj identifier)) | USPAT; | 2004/03/05 |
| | | same class | US-PGPUB | 09:27 |
| _ | 9 | ("5276880" "5577253" "5630066" | USPAT | 2004/03/05 |
| | | "5649179" "5659753" "5696973" | | 09:01 |
| | | "5740441" "5748963" "5748964").PN. | | χ. |
| - | 4 | ("5175856" "5187789" "5276881" | USPAT | 2004/03/05 |
| | | "5280617").PN. | | 09:12 |
| _ | 7250 | 718/\$.ccis. or 719/\$.ccis. | USPAT; | 2004/03/05 |
| | | | US-PGPUB | 09:28 |
| - | 27 | ((object-oriented and (operating adj | USPAT; | 2004/03/05 |
| | | system)).ti,ab.) and (718/\$.ccls. or | US-PGPUB | 09:48 |
| | | 719/\$.ccls.) | | |
| - | 1 | (devices and object-oriented and (common | USPAT; | 2004/03/05 |
| | | or generic or base) and (additional or | US-PGPUB | 09:53 |
| | | specific)).ti,ab. | | |
| - | 1 | ("6526457").PN. | USPAT; | 2004/03/05 |
| | | | US-PGPUB | 11:48 |
| - | 18 | ("5315703" "5371884" "5379431" | USPAT | 2004/03/05 |
| | | "5379432" "5404529" "5450583" | | 09:55 |
| | | "5455951" "5475845" "5493680" | | |
| | | "5504892" "5519867" "5546595" | | |
| | | "5548779" "5566346" "5574915" | | |
| | | "5583983" "5832264" "5940616").PN. | | |
| - | 0 | class same shar\$ same (data-type) | USPAT; | 2004/03/05 |
| | | | US-PGPUB | 11:49 |
| - | 20 | shar\$ same (data-type) | USPAT; | 2004/03/05 |
| | | 0500457 117701 | US-PGPUB | 13:31 |
| - | 0 | 6526457.URPN. | USPAT | 2004/03/05 |
| | _ | (#E00EE00# #E43307E# #E000C40# | LICOAT | 12:47 |
| • | 5 | ("5095522" "5133075" "5280610" | USPAT | 2004/03/05 |
| | | "5297284" "5313629").PN. | USPAT | 13:08 2004/03/05 |
| - | 52 | 5095522.URPN. | USPAI | 13:21 |
| | 542 | class adi ID | USPAT; | 2004/03/05 |
| | 342 | class adj ID | US-PGPUB | 13:33 |
| | 0 | clasid | USPAT; | 2004/03/05 |
| | | CIASIU | US-PGPUB | 13:32 |
| | 880 | 719/315-316.ccls. | USPAT; | 2004/03/05 |
| | | 1 10/0 10-0 10/00/01 | US-PGPUB | 13:33 |
| L | <u> </u> | | JUSTUPUB | 13.33 |

| - | 445 | 717/114.ccls. or 717/116.ccls. | USPAT; | 2004/03/05 |
|---|----------|--|----------|------------|
| | | | US-PGPUB | 13:33 |
| - | 307 | 719/331-332.ccls. | USPAT; | 2004/03/05 |
| | | | US-PGPUB | 13:33 |
| - | 212 | (class adj (ID or identifier)) with type | USPAT; | 2004/03/05 |
| | | | US-PGPUB | 13:34 |
| - | 10 | ((class adj (ID or identifier)) with type) and | USPAT; | 2004/03/05 |
| | | 26-28 | US-PGPUB | 13:34 |
| _ | 76 | (object-oriented and (operating adj | USPAT; | 2004/03/05 |
| | | system)).ti,ab. | US-PGPUB | 15:58 |
| - | 25 | 5313630.URPN. | USPAT | 2004/03/05 |
| | | | | 14:08 |
| - | 6 | ("5095522" "5119475" "5121478" | USPAT | 2004/03/05 |
| | | "5161225" "5202981" "5224204").PN. | | 14:32 |
| - | 1 | ("5794428").PN. | USPAT; | 2004/03/05 |
| | | | US-PGPUB | 15:59 |
| - | 1 | ("5974428").PN. | USPAT; | 2004/03/05 |
| | | (557 7 125) 111 | US-PGPUB | 16:03 |
| _ | 1 | ("5615400").PN. | USPAT: | 2004/03/05 |
| | 1 | (0010400) 14. | US-PGPUB | 16:04 |
| _ | 3 | (("5463769") or ("5375234") or | USPAT; | 2004/03/07 |
| _ | " | (("5339438")).PN. | US-PGPUB | 13:47 |
| | 1 | ("5873099").PN. | USPAT: | 2004/03/07 |
| - | • | (30/3099).FN. | US-PGPUB | 13:47 |
| | 1 | ("5873088").PN. | | |
| - | • | (30/3000).PM. | USPAT; | 2004/03/07 |
| | 401 | | US-PGPUB | 15:07 |
| - | 401 | (devices or environment or platform) with | USPAT; | 2004/03/07 |
| | | (base or abastract) with class | US-PGPUB | 15:08 |
| - | 82 | (devices or environment or platform) with | USPAT; | 2004/03/07 |
| | | (base or abastract) with class with (extend\$ | US-PGPUB | 15:10 |
| | | or modif\$ or deriv\$ or specific) | | |
| - | 37 | (devices or environment or platform) with | USPAT; | 2004/03/07 |
| | | ((base adj class) or (abastract adj class)) | US-PGPUB | 15:34 |
| | | with (extend\$ or modif\$ or deriv\$ or | | |
| | | specific) | | |
| - | 14 | ("5151987" "5181162" "5390325" | USPAT | 2004/03/07 |
| | | "5404534" "5546595" "5555201" | | 15:21 |
| | | "5590330" "5606661" "5608720" | | |
| | | "5615333" "5615400" "5619710" | | <u>.</u> |
| | | "5623418" "5630101").PN. | | |
| - | 434 | (devices or environment or platform) same | USPAT; | 2004/03/07 |
| | | ((base adj class) or (abastract adj class) ro | US-PGPUB | 15:37 |
| | | (virtual adj class)) same (extend\$ or | | |
| | | extensi\$ or modif\$ or deriv\$ or specific) | | |
| • | 7358 | 26-28 | USPAT; | 2004/03/07 |
| | | | US-PGPUB | 15:35 |
| - | 5 | 7j and 26-28 | USPAT; | 2004/03/07 |
| | | | US-PGPUB | 15:36 |
| - | 11 | ((devices or environment or platform) same | USPAT; | 2004/03/07 |
| | | ((base adj class) or (abastract adj class) ro | US-PGPUB | 15:36 |
| | | (virtual adj class)) same (extend\$ or | | |
| | | extensi\$ or modif\$ or deriv\$ or specific)) | | |
| | | and 26-28 | | |
| | | · · · · · · · · · · · · · · · · · · · | · | <u> </u> |

| • | 260 | (devices or environment or platform) same | USPAT; | 2004/03/07 |
|---|-------|--|----------|------------|
| | | ((base adj class) or (abastract adj class) or | US-PGPUB | 15:38 |
| | | (virtual adj class) or (genric adj class)) same | | |
| | | (extend\$ or extensi\$ or modif\$ or deriv\$ or | | |
| | | specific) | | |
| - | 429 | (device or environment or platform) same | USPAT; | 2004/03/07 |
| | | ((base adj class) or (abstract adj class) or | US-PGPUB | 15:38 |
| | | (virtual adj class) or (genric adj class)) same | | |
| | | (extend\$ or extensi\$ or modif\$ or deriv\$ or | | |
| | | specific) | | |
| - | 2 | 26-28 and ((device or environment or | USPAT; | 2004/03/07 |
| | | platform) same ((base adj class) or (abstract | US-PGPUB | 15:40 |
| | | adj class) or (virtual adj class) or (genric adj | | |
| | | class)) same (extend\$ or extensi\$ or modif\$ | | |
| | | or deriv\$ or specific)) | | |
| | 45971 | 719/\$.ccis. or 709/\$.ccis. or 707/\$.ccis. or | USPAT; | 2004/03/07 |
| | | 717/4.ccls. | US-PGPUB | 15:40 |
| - | 218 | ((device or environment or platform) same | USPAT; | 2004/03/07 |
| | | ((base adj class) or (abstract adj class) or | US-PGPUB | 15:41 |
| | | (virtual adj class) or (genric adj class)) same | | |
| | | (extend\$ or extensi\$ or modif\$ or deriv\$ or | | |
| | | specific)) and (719/\$.ccls. or 709/\$.ccls. or | | |
| | | 707/\$.ccls. or 717/4.ccls.) | | |
| - | 41 | ((object adj oriented) and device and | USPAT; | 2004/03/07 |
| | | class).ti,ab. | US-PGPUB | 15:41 |
| • | 5 | (((device or environment or platform) same | USPAT; | 2004/03/07 |
| | - | ((base adj class) or (abstract adj class) or | US-PGPUB | 15:52 |
| | | (virtual adj class) or (genric adj class)) same | | |
| | | (extend\$ or extensi\$ or modif\$ or deriv\$ or | | |
| | | specific)) and (719/\$.ccls. or 709/\$.ccls. or | | |
| | | 707/\$.ccls. or 717/4.ccls.)) and (((object adj | | |
| | | oriented) and device and class).ti,ab.) | | |
| - | 47 | ("4173783" "4533996" "5291585" | USPAT | 2004/03/07 |
| | | "5309563" "5335320" "5345550" | | 15:42 |
| | | "5347627" "5384911" "5404494" | | |
| | | "5412772" "5414806" "5423034" | | |
| | | "5430836" "5436637" "5448695" | | |
| | | "5461399" "5461710" "5473745" | | |
| | | "5473777" "5491784" "5493638" | | |
| | | "5509116" "5526517" "5544288" | | |
| | | "5546519" "5548702" "5550968" | | |
| | | "5559942" "5564003" "5566330" | | |
| | | "5570462" "5572643" "5694603" | | |
| | | "5694604" "5701476" "5701483" | | |
| | | "5752032" "5790887" "5829053" | | |
| | | "5860079" "5867690" "5898896" | | |
| | | "5937170" "5968136" "6016503" | | |
| | | "6052739" "6202147"). PN . | | |
| - | 8 | ("5301323" "5379431" "5495610" | USPAT | 2004/03/07 |
| | | "5544302" "5557796" "5590313" | | 15:47 |
| | | "5787246" "6336152").PN. | | |

| | | (114.4070.4011.117.400.44.411.117.007.07.011.1 | HODAT | 2004/02/07 |
|---|-------|--|------------|---------------------|
| • | 15 | ("4407016" "5168441" "5297279" | USPAT | 2004/03/07 15:50 |
| | | "5371895" "5404529" "5421009" | | 15:50 |
| | | "5453933" "5457797" "5475845" | | |
| | | "5499368" "5511199" "5548723" | | |
| | 2094 | "5568639" "5583983" "5606700").PN. device adj class | USPAT; | 2004/03/07 |
| - | 2094 | device auj class | US-PGPUB | 15:53 |
| | 253 | (719/\$.ccls. or 709/\$.ccls. or 707/\$.ccls. or | USPAT: | 2004/03/07 |
| - | 255 | 717/4.ccls.) and (device adj class) | US-PGPUB | 15:52 |
| ! | 2094 | (device adj class). ti,abl | USPAT; | 2004/03/07 |
| _ | 2094 | (uevice auj ciass). Li,abi | US-PGPUB | 15:53 |
| | 2094 | (device adj class). ti,ab. | USPAT; | 2004/03/07 |
| | 2054 | (uevice auj ciass). Li,ab. | US-PGPUB | 15:53 |
| _ | 253 | ((719/\$.ccis. or 709/\$.ccis. or 707/\$.ccis. or | USPAT; | 2004/08/30 |
| _ | 255 | 717/4.ccls.) and (device adj class)) and | US-PGPUB | 15:00 |
| | | ((device adj class), ti,ab.) | 03-F6F6B | 13.00 |
| _ | 50 | (device adj class). ti,ab. | USPAT; | 2004/03/07 |
| | | (movies any sinos/injusi | US-PGPUB | 15:53 |
| _ | 9 | ((719/\$.ccls. or 709/\$.ccls. or 707/\$.ccls. or | USPAT; | 2004/03/07 |
| | | 717/4.ccls.) and (device adj class)) and | US-PGPUB | 15:53 |
| | | ((device adj class).ti,ab.) | 00-1 01 0B | 13.33 |
| _ | 49 | (("5920725") or ("5434978") or ("5475817") | USPAT; | 2004/08/25 |
| _ | 43 | or ("5596745") or ("5809506") or ("6016494") | US-PGPUB | 15:22 |
| | | or ("6163797") or ("6003094") or ("6169992") | 00-1 01 0B | |
| | | or ("5581765") or ("5745703") or ("5802527") | | |
| | | or ("5884097") or ("5893106") or ("5905983") | | |
| | | or ("5922044") or ("5943496") or ("5960436") | | |
| | | or ("5964844") or ("6006224") or ("6018725") | | |
| | | or ("6038587") or ("6047324") or ("6070168") | | |
| | | or ("6134552") or ("6185730") or ("6223344") | | |
| | | or ("6223344") or ("6246678") or ("6253193") | | |
| | | or ("6253253") or ("6321372") or ("6363488") | | |
| | | or ("6389402") or ("6418483") or ("6427140") | | |
| | | or ("6442566") or ("6442620") or ("6473748") | | |
| | | or ("6498612") or ("6501491") or ("6714942") | | |
| | | or ("6766324") or ("5799147") or ("5852713") | | |
| | | or ("5787262") or ("5960204") or ("5964660") | | |
| | | or ("6031989") or ("6070245")).PN. | | |
| - | 4 | serial\$ same deserializ\$ same (restor\$ or | USPAT; | 2004/08/29 |
| | | reconstruct\$) same discard\$ | US-PGPUB | 14:34 |
| - | 4 | serial\$ same deserializ\$ same (restor\$ or | USPAT; | 2004/08/29 |
| | | reconstruct\$) same(discard\$ or omitt\$) | US-PGPUB | 16:13 |
| • | 32 | serializ\$ or flat\$) same(deserializ\$ or | USPAT; | 2004/08/29 |
| | | unflatt\$) same(discard\$ or omitt\$ | US-PGPUB | 15:44 |
| - | 32 | serializ\$ or flat\$) same(deserializ\$ or | USPAT; | 2004/08/29 |
| | | unflatt\$) same(discard\$ or omitt\$ | US-PGPUB | 16:47 |
| - | 75 | (deserializ\$ or unflatt\$) same(discard\$ or | USPAT; | 2004/08/30 |
| | | omitt\$ or ignor\$) | US-PGPUB | 15:02 |
| - | 127 | (serial\$ same deserializ\$).ti,ab. | USPAT; | 2004/08/29 |
| | | | US-PGPUB | 16:13 |
| - | 52595 | 707/\$.ccis. or 709/\$.ccis. or 719/\$.ccis. | USPAT; | 2004/08/29 |
| | | | US-PGPUB | 16:13 |
| - | 23 | ((serial\$ same deserializ\$).ti,ab.) and | USPAT; | 2004/08/29 |
| L | | (707/\$.ccls. or 709/\$.ccls. or 719/\$.ccls.) | US-PGPUB | 16:13 |

| | 13 | ("5867708" "6032152" "6085198" | USPAT | 2004/08/29 |
|---|--------|--|----------|------------|
| | | "6151700" "6212673" "6256771" | | 16:16 |
| | | "6272521" "6272677" "6292933" | 1 | |
| | | "6298353" "6298478" "6301585" | | |
| | | "6385769").PN. | | |
| - | 1 | (serializ\$ or flat\$) same(deserializ\$ or | USPAT; | 2004/08/29 |
| | | unflatt\$) same property same version\$ | US-PGPUB | 16:48 |
| - | 41 | (serializ\$ or flat\$) same(deserializ\$ or | USPAT; | 2004/08/29 |
| | | unflatt\$) same version\$ | US-PGPUB | 16:48 |
| - | 207214 | (707/\$.ccls. or 709/\$.ccls. or 719/\$.ccls.) fan | USPAT; | 2004/08/29 |
| | | ((serializ\$ or flat\$) same(deserializ\$ or | US-PGPUB | 16:48 |
| | | unflatt\$) same version\$) | " | |
| | 14 | (707/\$.ccls. or 709/\$.ccls. or 719/\$.ccls.) and | USPAT; | 2004/08/29 |
| | | ((serializ\$ or flat\$) same(deserializ\$ or | US-PGPUB | 16:53 |
| | | unflatt\$) same version\$) | | |
| - | 4 | (stream\$ with read\$3 with writ\$ with | USPAT; | 2004/08/29 |
| | | (version or compatib\$ or | US-PGPUB | 16:55 |
| | | incompatib\$)).ti,ab,clm. | | |